Field Name	Field Description	Values	Values Descriptions	Field Type	Field Width	Field Precision
Crash_Key	Crash Key - SAVER Internal Unique Identifier		4 digit year + arbitrarily assigned unique number (e.g., 2001000025)	Numeric: Integer	10	0
CaseNumber	Case Number - Iowa DOT		4 digit year + number assigned by MVD (e.g., 2001002534)	Numeric: Integer	10	0
UnitKey	Combined Crash_Key and V3UnitNum		Crash_Key*1000+UnitNum	Numeric: Integer	13	0
DriverAge	Driver Age		Age of driver derived from Date of Birth and Crash Date.	Numeric: Integer	3	0
DriverGen	Driver Gender			Character	2	0
		M	Male			
		F	Female			
		U	Unknown			
DL_State	Driver's License State	NR	Not reported.	Character	2	0
DL_State	Driver's License State	L		Character	2	0
		AL	Alabama	-		
		AK AZ	Alaska Arizona	1		
		AR	Arkansas	-		
		CA	California	1		
		CO	Colorado	1		
		CT	Connecticut	1		
			Delaware	-		
		FL	Florida	1		
			Georgia	1		
			Hawaii	1		
		ID	Idaho	1		
		IL	Illinois	1		
		IN	Indiana]		
		IA	Iowa			
		KS	Kansas			
		KY	Kentucky			
		LA	Louisiana			
		ME	Maine			
			Maryland			
			Massachusetts			
		MI	Michigan			
		MN	Minnesota L			
		MS	Mississippi	-		
		MO	Missouri	1		
		MT NE	Montana Nebraska	-		
		NV	Nevada	1		
			New Hampshire	1		
			New Jersey			
		NM	New Mexico	1		
			New York	1		
		NC	North Carolina	1		
		ND	North Dakota]		
		ОН	Ohio			
		OK	Oklahoma]		
		OR	Oregon]		
		PA	Pennsylvania]		
			Rhode Island]		
			South Carolina			
		SD	South Dakota			
		TN	Tennessee			
		TX	Texas			
		UT	Utah	-		
		VT	Vermont	1		
		VA	Virginia Weekington			
			Washington Washington DC	1		
			Washington DC West Virginia	1		
			West Virginia Wisconsin	1		
			Wyoming	1		
			Not reported.	1		
L	<u>I</u>		1 *			I

						_
Charged	Driver Charged?			Numeric: Integer	2	0
		1	Yes			
		2	No	1		
		3	Not applicable.			
		9	Unknown	_		
				-		
AlcResult	Alcohol Test Results	77	Not reported.	Numeric: Decimal	5	3
			Number in decimal format (e.g., 0.10) representing Blood Alcohol Content.			
DrugResult	Drug Test Results			Numeric: Integer	2	0
		1	Positive			
		2	Negative			
		77	Not reported.			
DriverCond	Driver Condition		ı.	Numeric: Integer	2	0
		1	Apparently normal	-		
				-		
		2	Physical impairment	4		
		3	Emotional (e.g. depressed/angry/disturbed)	_		
		4	Illness	_		
		5	Asleep/fainted/fatigued/etc.			
		6	Under the influence of alcohol/drugs/medications			
		8	Other (explain in narrative)			
		9	Unknown			
		77	Not reported.	-		
VisionObs	Vision Obscurement	''	- Co Toportos.	Numeric: Integer	2	0
		<u> </u>	N. 1 1	-		
		<u> </u>	Not obscured	4		
		2	Trees/crops	_		
		3	Buildings	1		
		4	Embankment			
		5	Sign/billboard			
		6	Hillcrest			
		7	Parked vehicles			
		8	Moving vehicles	-		
				_		
			Person/object in or on vehicle	_		
		10	Blinded by sun or headlights	_		
		11	Frosted windows/windshield			
		12	Blowing snow			
		13	Fog/smoke/dust			
		77	Not reported.			
		88	Other (explain in narrative)			
		99	Unknown	-		
DContCirc1	Contributing Circumstances 1 - Driver	99	Olikilowii	Numeric: Integer	2	0
2 coment	Continuing Chedinatures 1 211161			- rumerrer integer	_	
			Ran traffic signal	_		
		2	Ran stop sign	_		
		3	Exceeded authorized speed			
		4	Driving too fast for conditions			
		5	Made improper turn			
		6	Traveling wrong way or on wrong side of road			
		7	Crossed centerline	1		
		8	Lost Control	1		
				1		
		9	Followed too close	_		
		10	Swerved to avoid: vehicle/object/non-motorist/or animal in roadway	4		
		11	Over correcting/over steering	_		
		12	Operating vehicle in an erratic/reckless/careless/negligent/aggressive manner	1		
		13	FTYROW: From stop sign			
		14	FTYROW: From yield sign			
		15	FTYROW: Making left turn	1		
		16	FTYROW: Making right turn on red signal	1		
		17	FTYROW: From driveway	†		
				1		
		18	FTYROW: From parked position	_		
		19	FTYROW: To pedestrian	_		
		20	FTYROW: At uncontrolled intersection	1		
		21	FTYROW: Other (explain in narrative)			
		22	Inattentive/distracted by: Passenger			
		23	Inattentive/distracted by: Use of phone or other device	1		
		24	Inattentive/distracted by: Fallen object	1		
				1		
		25	Inattentive/distracted by: Fatigued/asleep	_		
		26	Other (explain in narrative): Vision obstructed	_		
		27	Other (explain in narrative): Other improper action			
		28	Other (explain in narrative): No improper action			
		77	Not reported.			
1		99	Unknown	1		
	1		L ···	1	ı	I

DC. (C' *	Contribution City		T	Int		0
	Contributing Circumstances 2 - Driver		See DContCirc1 values.	Numeric: Integer	2	0
CargoBody	Cargo Body Type			Numeric: Integer	2	0
		1	Not applicable	4		
		2	Truck Cargo Type: Van/enclosed box	1		
		3	Truck Cargo Type: Dump truck (grain/gravel)	1		
		4	Truck Cargo Type: Cargo tank	1		
		5	Truck Cargo Type: Flatbed	1		
		6	Truck Cargo Type: Concrete mixer			
		7	Truck Cargo Type: Auto transporter			
		8	Truck Cargo Type: Garbage/refuse	1		
		9	Truck Cargo Type: Other truck cargo type (explain in narrative)	1		
		10	Trailer type: Small utility (one axle)			
		11	Trailer type: Large utility (2+ axles)	1		
		12	Trailer type: Boat	1		
		13	Trailer type: Camper	1		
		14	Trailer type: Large mobile home			
		15	Trailer type: Oversize load			
		16	Trailer type: Towed vehicle			
		17	Trailer type: Pole	†		
		18	Trailer type: Other trailer type (explain in narrative)	-		
				1		
		77	Not reported.	1		
VYear	Vehicle Year	99	Unknown	Numeric: Integer	4	0
, i cai	Chicle real		Vehicle year in YYYY format.	Transcite, integer		U
Maka	Vehicle Make	7777	Not reported.	Character	4	0
			(currently undefined)	Character	4	0
	Vehicle Model		(currently undefined)	Character	12	0
	Vehicle Style		(currently undefined)	Character	12	0
VLP_State	License Plate State			Character	2	0
		AL	Alabama	1		
		AK	Alaska	1		
		AZ	Arizona	1		
		AR	Arkansas	1		
		CA	California]		
		CO	Colorado			
		CT	Connecticut	1		
		DE	Delaware	1		
		FL	Florida			
		GA	Georgia	1		
			Hawaii	1		
		ID	Idaho	1		
		IL	Illinois			
		IN	Indiana	1		
		IA	Iowa	†		
		KS	Kansas	-		
		KY	Kentucky	-		
			Louisiana	-		
		LA		1		
		ME	Maine	1		
		MD	Maryland	-		
		MA	Massachusetts L	-		
		MI	Michigan	1		
		MN	Minnesota	1		
			Mississippi	4		
		MO	Missouri	4		
		MT	Montana	1		
		NE	Nebraska	1		
		NV	Nevada	1		
		NH	New Hampshire]		
		NJ	New Jersey]		
		NM	New Mexico]		
		NY	New York]		
		NC	North Carolina]		
		ND	North Dakota	1		
		OH	Ohio	1		
		OK	Oklahoma	1		
		OR	Oregon	1		
		PA	Pennsylvania	1		
			Rhode Island	1		
		SC	South Carolina	1		
		SD	South Dakota	1		
		TN	Tennessee	1		
		TX	Texas	1		
			Utah	1		
		VT	Vermont	-		
				1		
	Ī	VA	Virginia	4		
		WA	Washington	1	ĺ	
				4		
		DC	Washington DC			
		DC WV	West Virginia			
		DC				
		DC WV	West Virginia			
		DC WV WI WY	West Virginia Wisconsin			

Occupants	Total Occupants		Occupants in vehicle.	Numeric: Integer	2	0
		777	Not reported.	1		
Axles	Number of Axles		Number of axles for the commercial vehicle.	Numeric: Integer	2	0
GVWR	Gross Vehicle Weight Rating		Gross vehicle weight rating (GVWR) for the commercial vehicle.	Numeric: Integer	6	0
Placard	Placard #		The placard number for the hazardous materials being transported.	Numeric: Integer	6	0
		777777	Not reported.			
HazMatRel	Hazardous Materials Released?		Indication of release of hazardous materials.	Character	2	0
		1	Yes	4		
		2	No	4		
		9	Not applicable	-		
		77	Unknown	4		
CVLPState1	License Plate State (power unit attached)	//	Not reported.	Character	2	0
C V El State I	Execuse 1 late State (power anni attached)	AT	State the unit attached to the power unit is licensed in. Alabama			Ŭ
		AL AK	Alaska	-		
		AZ	Arizona	-		
		AR	Arkansas	1		
		CA	California	1		
		CO	Colorado	1		
		CT	Connecticut	1		
		DE	Delaware]		
		FL	Florida]		
		GA	Georgia	_		
		НІ	Hawaii	1		
		ID	Idaho	4		
		IL	Illinois	4		
		IN	Indiana	4		
		IA	Iowa	-		
		KS	Kansas	-		
		KY	Kentucky	-		
			Louisiana Maine	1		
		ME MD	Maryland Maryland	1		
		MA	Massachusetts	1		
		MI	Michigan	1		
		MN	Minnesota	1		
		MS	Mississippi	1		
		МО	Missouri			
		MT	Montana			
		NE	Nebraska	_		
		NV	Nevada	_		
		NH	New Hampshire	1		
		NJ	New Jersey	4		
		NM	New Mexico	-		
		NY	New York	-		
		NC	North Carolina	-		
		ND	North Dakota	-		
		OK	Ohio Oklahoma	1		
		OK OR	Oklahoma Oregon	1		
		PA	Pennsylvania	1		
			Rhode Island	1		
		SC	South Carolina	1		
		SD	South Dakota	1		
		TN	Tennessee	1		
		TX	Texas			
		UT	Utah			
		VT	Vermont]		
		VA	Virginia	1		
		WA	Washington	4		
		DC	Washington DC	4		
			West Virginia	4		
			Wisconsin	-		
		WY	Wyoming	-		
CVLPYear1	License Plate Year (power unit attached)	XX	Not reported.	Numeric: Integer	4	0
CATITUTE	Execuse Frate Fear (power unit attached)	7555	License year for unit attached to the power unit.	Trumenc, integer	*	U
CVLPState2	License Plate State (power unit attached)	7777	Not reported.	Character	2	0
	Zaconso I and State (power unit attacheu)		State the unit attached to a trailer unit is licensed in.			U
CVLPYear2	License Plate Year (power unit attached)		(see CVLPState1 definitions) License year for unit attached to a trailer unit.	Numeric: Integer	4	0
	Ψ	7777	License year for unit attached to a trailer unit. Not reported.			-
	!	////	proctopolicu.	1	<u> </u>	

F	1				_	T
VAction	Vehicle Action			Numeric: Integer	2	0
		1	Movement essentially straight			
		2	Turning left			
		3	Turning right			
		4	Making U-turn			
		5	Overtaking/passing			
		6	Changing lanes			
		7	Entering traffic lane (merging)			
		8	Leaving traffic lane			
		9	Backing			
		10	Slowing/stopping			
		11	Stopped for stop sign/signal]		
		12	Legally Parked			
		13	Illegally Parked/Unattended			
		88	Other (explain in narrative)			
		77	Not reported.			
		99	Unknown			
SeqEvents1	Sequence of Events 1st Event			Numeric: Integer	2	0
		1	Ran off road, right	1		
		2	Ran off road, straight	1		
		3	Ran off road, left	1		
		4	Crossed centerline/median	1		
		5	Animal or object in roadway	1		
		6	Evasive action (swerve, panic braking, etc.)	1		
		7	Downhill runaway	1		
		8	Cargo/equipment loss or shift	1		
		9	Equipment failure (tires, brakes, etc.)	1		
		10	Separation of units	1		
		11	Non-collision events: Overturn/rollover	1		
		12	Non-collision events: Overturn/rollover Non-collision events: Jackknife	1		
		— —				
		20	Non-collision events: Other non-collision (explain in narrative)	1		
		21	Collision with: Non-motorist (see non-motorist type)	1		
		22	Collision with: Vehicle in traffic	1		
		23	Collision with: Vehicle in/from other roadway	-		
		24	Collision with: Parked motor vehicle	-		
		25	Collision with: Railway vehicle/train	-		
		26	Collision with: Animal			
		30	Collision with: Other non-fixed object (explain in narrative)			
			Collision with fixed object: Bridge/bridge rail/overpass			
		31	Collision with fixed object: Underpass/structure support			
		32	Collision with fixed object: Culvert			
		33	Collision with fixed object: Ditch/embankment			
		34	Collision with fixed object: Curb/island/raised median			
		35	Collision with fixed object: Guardrail			
		36	Collision with fixed object: Concrete barrier (median or right side)			
		37	Collision with fixed object: Tree			
		38	Collision with fixed object: Poles (utility, light, etc.)			
		39	Collision with fixed object: Sign post			
		40	Collision with fixed object: Mailbox]		
		41	Collision with fixed object: Impact attenuator			
		42	Collision with fixed object: Other fixed object (explain in narrative)			
		50	Miscellaneous events: Fire/explosion			
		51	Miscellaneous events: Immersion]		
		52	Miscellaneous events: Hit and run]		
		77	Not reported]		
		99	Unknown	1		
SeqEvents2	Sequence of Events 2nd Event		See SeqEvents1 values.	Numeric: Integer	2	0
SeqEvents3	Sequence of Events 3rd Event		See SeqEvents1 values.	Numeric: Integer	2	0
SeqEvents4	Sequence of Events 4th Event		See SeqEvents1 values.	Numeric: Integer	2	0
MostHarm	Most Harmful Event		See SeqEvents1 values.	Numeric: Integer	2	0
SpeedLimit	Speed Limit			Numeric: Integer	2	0
		0	0 MPH	1		
		5	5 MPH	1		
		10	10 MPH	1		
				1		
		15	15 MPH	1		
		20	20 MPH	1		
		25	25 MPH	1		
		30	30 MPH	1		
		35	35 MPH			
		40	40 MPH			
		45	45 MPH			
		50	50 MPH			
		55	55 MPH			
		60	60 MPH			
		65	65 MPH			

Table Tabl							
2 Select Section 1 1 1 1 1 1 1 1 1	TrafCont	Traffic Controls			Numeric: Integer	2	0
Total State					-		
1 1 1 1 1 1 1 1 1 1				i	⊣ ∣		
The content of the					-		
Book Property and Control (1997) Property and Control (1997)					-		
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3				i	-		
Auto-continued between the continued betwe				i	⊣		
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1				i	┥		
75					┥		
Bit Obtas consult (against instruction)					┥		
Package Pack					┦		
Post of Part Post of production Post of Part Post of Part					╡		
Collection with Stand of Life Collection Support	FixObjStr	Fixed Object Struck (by vehicle)		Fixed object struck by vehicle (derived).	Numeric: Integer	2	0
2			1	Collision with fixed object: Bridge/bridge rail/overpass			
Section Continue and Contin			2	Collision with fixed object: Underpass/structure support			
2 Cultima metal for all-plant Confession and Plant Production State				Collision with fixed object: Culvert	_		
Part				Collision with fixed object: Ditch/embankment	<u> </u>		
7 Column and Section 1985 Column and S					_		
Section Sect					_ l		
Volume of the content of the conte					⊣ ∣		
Commission of Continue and State American Continue and S					⊣		
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Description					-		
1 None two face object strucks 1 Private 1 Private 2 1 1 1 1 1 1 1 1 1					-		
Description					-		
1 Doze Doze 1 Doze Doze 1 Doze D	InitImpact	Point of Initial Impact	 - -		Numeric: Integer	2	0
2	*	1	1	Front			
3 Parameter ride middle 4 Parameter ride rour 5 Rear 6 Deter ride rour 7 Deter ride rour					┥		
A Dausgray Job - rece					┥		
Source S					⊣		
B. Divine side - read Person					┦		
Page					7		
B. Description Proposed P]		
10 Under Carriage					<u> </u>		
27 Not reported. 99 Ushdown			9	Тор	_		
Most Damaged Area			10	Under-Carriage	_		
Most Damage Area			77	Not reported.	_		
Pront	W -5	Mush	99	Unknown	<u></u>	_	^
Passenger side - front	MostDamage	Most Damaged Area			Numeric: Integer	2	0
Passenger side - middle 4 Possenger side - mer					<u> </u>		
4 Passenger side - rear					_		
S Rear					-		
Contact					-		
Portion 1 Software 1 Software 1 Software 1 Software 1 Software 2 Soft					- 		
Record Part Part					⊣		
Part Disable compartment intrusion					⊣		
10 Under-Curriage 77 Not reported. 10 Nome 11 Nome 12 Nome 13 Nome 14 Nome 14 Nome 15 Not reported. 16 Nome 17 Not reported. 18 Nome 18					-		
Parage			-		┥		
Damage					⊣		
Extent of Damage					┦		
Minor damage 3 Functional damage 4 Disabling damage 5 Severe - vehicle totaled 9 Unknown 77 Not reported. 1 None 2 Underride - Compartment intrusion 2 Underride - ompartment intrusion 4 Underride - ompartment intrusion 6 Override - moving vehicle 6 Override - parked/stationary vehicle 9 Unknown 7 No treported. Numeric: Decimal 11 4 YCoord Y-Coordinate (UTM NAD 83 Zone 15) Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 12 4 YCoord Y-Coordinate (UTM NAD 83 Zone 15) Fatal 2 Major Injury 3 Minor Injury 3 Minor Injury 4 Possible/Unknown 4 Possible	Damage	Extent of Damage			Numeric: Integer	2	0
A Disabling damage			1	None			
A Disabling damage 5 Severe - vehicle totaled 9 Unknown 77 Not reported. 1 None 2 Underride Override 1 None 2 Underride - compartment intrusion 3 Underride - no compartment intrusion 4 Underride - compartment intrusion 4 Underride - compartment intrusion 6 Override - moving vehicle 9 Unknown 77 Not reported. 8 Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 11 4 12 13 14 15 15 16 16 16 16 16 16			2	Minor damage	<u> </u>		
Solution Solution			3	Functional damage	_		
UnderOver Underride/Override				i	<u> </u>		
To Not reported. Underride/Override			5	Severe - vehicle totaled	_		
Underride Override					_ l		
1 None 2 Underride - compartment intrusion 3 Underride - no compartment intrusion 4 Underride - compartment intrusion unknown 5 Override - moving vehicle 6 Override - parked/stationary vehicle 9 Unknown 77 Not reported.	IIndO	Undamida/Oid-	77	Not reported.	No.	2	0
2 Underride - compartment intrusion 3 Underride - no compartment intrusion 4 Underride - compartment intrusion unknown 5 Override - moving vehicle 6 Override - parked/stationary vehicle 9 Unknown 77 Not reported. XCoord X-Coordinate (UTM NAD 83 Zone 15) Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 11 4 YCoord Y-Coordinate (UTM NAD 83 Zone 15) Northing value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 12 4 CSeverity Crash Severity Numeric: Integer 1 0 I Fatal 2 Major Injury 3 Minor Injury 4 Possible/Unknown	∪nderOver	Onderride/Override			Numeric: Integer	2	U
3 Underride - no compartment intrusion					⊣		
4 Underride - compartment intrusion unknown 5 Override - moving vehicle 6 Override - parked/stationary vehicle 9 Unknown 77 Not reported. XCoord X-Coordinate (UTM NAD 83 Zone 15) Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 11 4 YCoord Y-Coordinate (UTM NAD 83 Zone 15) Northing value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 12 4 CSeverity Crash Severity I Fatal 2 Major Injury 3 Minor Injury 4 Possible/Unknown 4 Possible/Unknown 5 Override - moving vehicle 6 Override - moving vehicle 9 Unknown 1 4 1 4 1 4 2 4 3 4 4 4 4 4 5 5 5 5 7 6 7 7 8 8 7 9 7 9 7 9 7 9 7 9 7 9 9 9 9 9 9 1 7 1 7 1 7 2 7 3 7 4 7 5 7 6 7 7 7 8 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 9 9 9 9 9 9 9					- I		
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Coord Coordinate (UTM NAD 83 Zone 15) Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 11 4					⊣		
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XCoord X-Coordinate (UTM NAD 83 Zone 15) Easting value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 11 4 YCoord Y-Coordinate (UTM NAD 83 Zone 15) Northing value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 12 4 CSeverity Crash Severity Numeric: Integer 1 0 Fatal					 		
YCoord Y-Coordinate (UTM NAD 83 Zone 15) Northing value for crash location in UTM NAD 83 Zone 15 Numeric: Decimal 12 4 CSeverity Crash Severity Numeric: Integer 1 0 I Fatal Minor Injury Minor Injury Possible/Unknown	XCoord	X-Coordinate (UTM NAD 83 Zone 15)	11		Numeric: Decimal	11	4
1 Fatal 2 Major Injury 3 Minor Injury 4 Possible/Unknown						12	4
2 Major Injury 3 Minor Injury 4 Possible/Unknown	CSeverity	Crash Severity			Numeric: Integer	1	0
2 Major Injury 3 Minor Injury 4 Possible/Unknown			1	Fatal	┦		
3 Minor Injury 4 Possible/Unknown					┦		
4 Possible/Unknown					7		
					_		
Sprioperty Daniage Only				Property Damage Only	7		